



# LAFAYETTE PLAYGROUND COMMUNITY MEETING

## MONDAY, SEPTEMBER 15, 2014

# AGENDA

- Introductions
- Rules of the Road
- Previous Concept Plan
- Design Development Plan
- Erosion Analysis
- Playground Equipment and Site Furnishings
- Construction Information
- Questions & Answers

# Previous Concept Plan



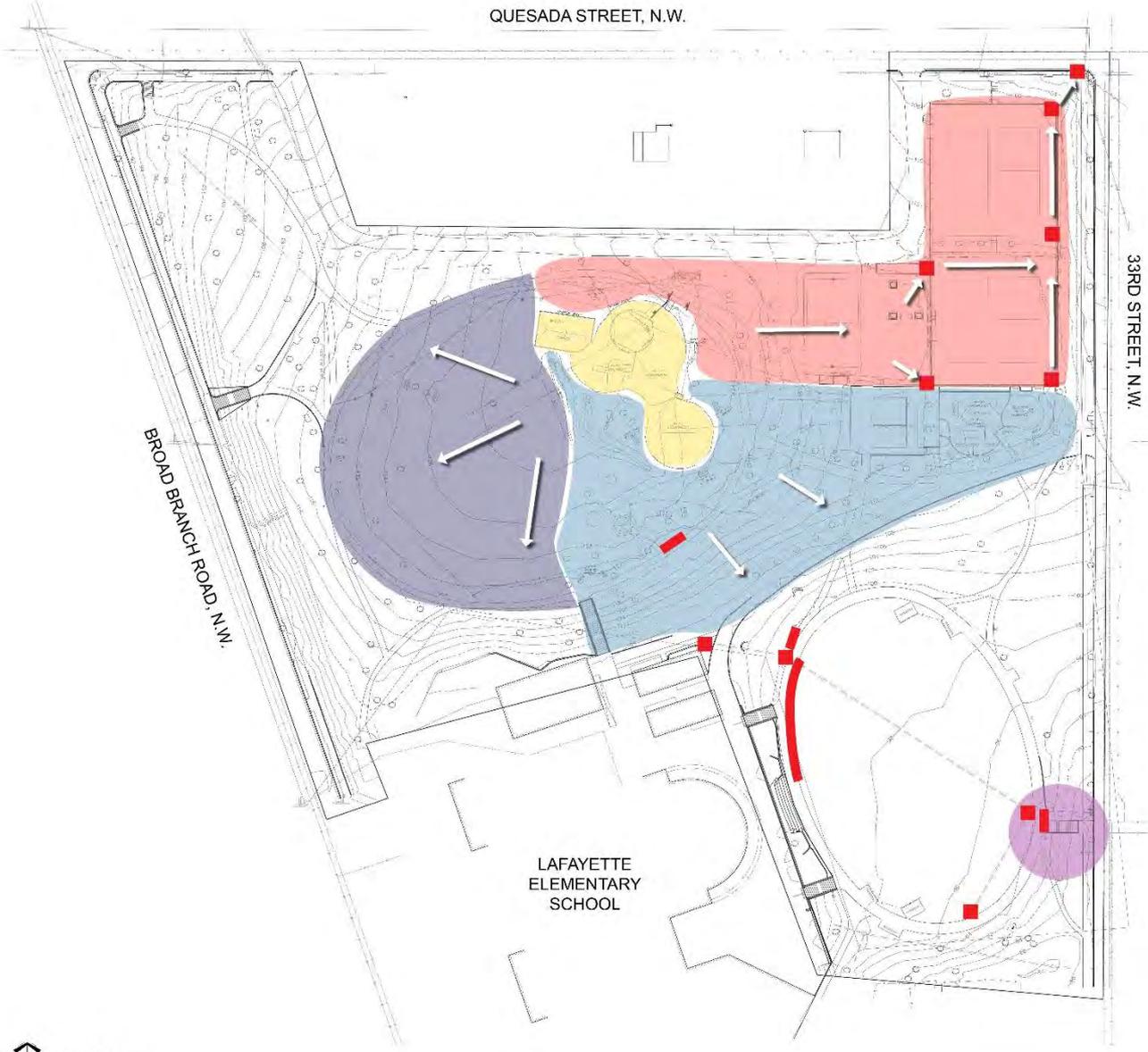
# Design Development Plan



## LAFAYETTE PLAYGROUND PLAN | WASHINGTON, D.C.

# Erosion Analysis - Existing

QUESADA STREET, N.W.



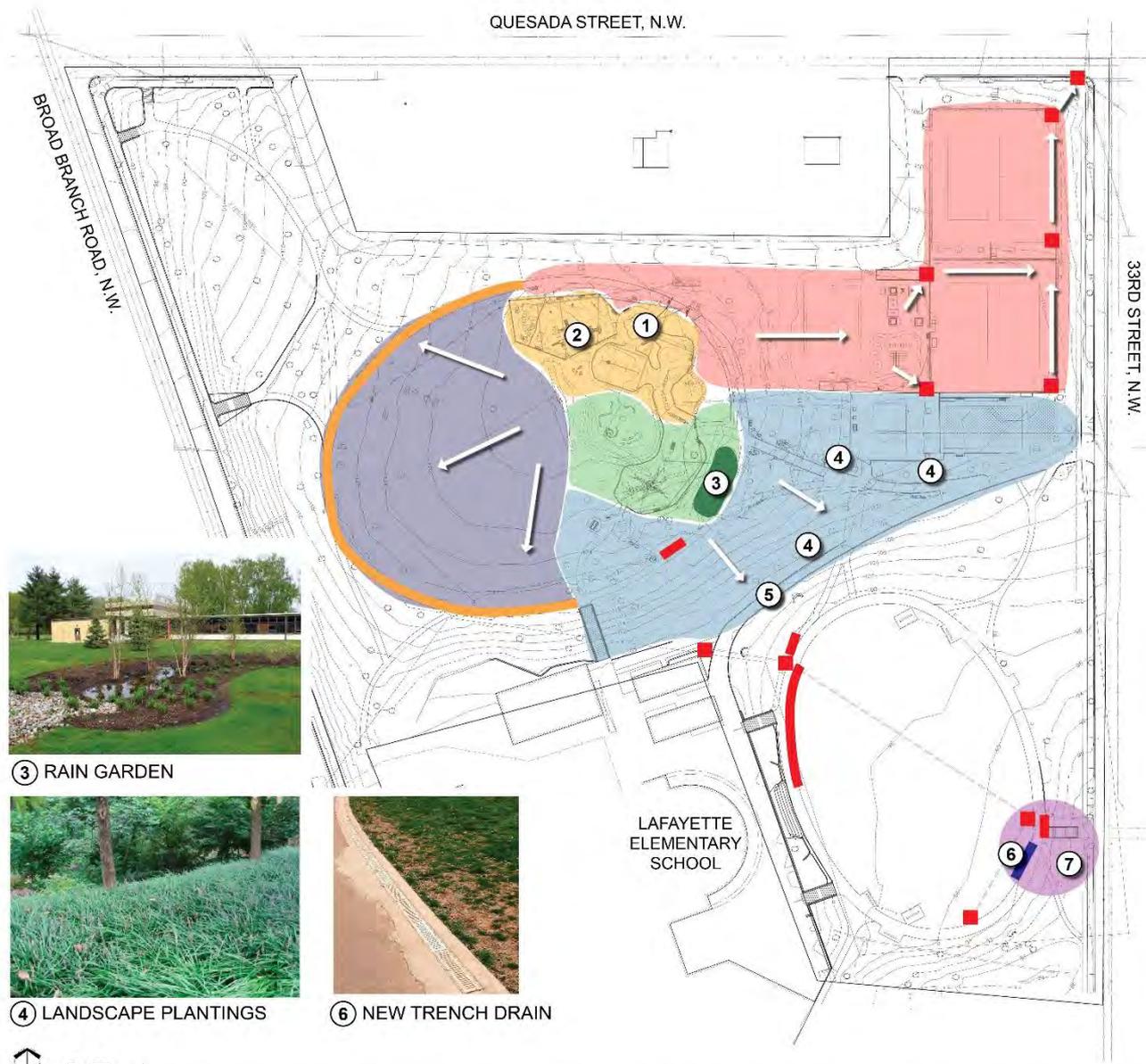
**LEGEND**

- ▬ EXISTING STORM STRUCTURE
- ▬ DIRECTION OF STORMWATER FLOW
- CAPTURED BY EXISTING GREYWATER SYSTEM



# Erosion Analysis - Proposed

QUESADA STREET, N.W.



**LEGEND**

- EXISTING STORM STRUCTURE
- PROPOSED STORM STRUCTURE
- ➔ DIRECTION OF STORMWATER FLOW
- IMPROVED UNDERDRAINS TIE INTO GREYWATER SYSTEM; RETENTION AND INFILTRATION THROUGH SURFACING
- CAPTURED BY RAIN GARDEN
- CURRENTLY EXPLORING ADDITIONAL DRAINAGE AND SURFACING TO ADDRESS EROSION

**PROPOSED EROSION CONTROL PRACTICES**

- ① GREYWATER CISTERN
  - IMPROVED UNDERDRAINS AT PLAY AREAS TIE INTO GREYWATER SYSTEM
  - SPLASH PAD TIES TO GREYWATER SYSTEM
- ② STORMWATER RETENTION AND INFILTRATION THROUGH SURFACING
- ③ RAIN GARDEN
  - CAPTURES RUNOFF
- ④ LANDSCAPE PLANTINGS
  - ADDITIONAL GROUNDCOVER PLANTINGS UNDER EXISTING CHERRY TREES TO STABILIZE SLOPE AND PREVENT EROSION
- ⑤ REPAIR EXISTING SERVICE DRIVE
  - ADD NEW FLUSH CONCRETE CURB TO SERVICE DRIVE
  - ADDRESS TIRE EROSION
- ⑥ NEW TRENCH DRAIN
  - COLLECTS RUNOFF FROM BASEBALL FIELDS
- ⑦ REPAIR ERODED HILLSIDE
  - RE-LANDSCAPE EXISTING HILLSIDE



③ RAIN GARDEN



④ LANDSCAPE PLANTINGS



⑥ NEW TRENCH DRAIN



LAFAYETTE ELEMENTARY SCHOOL

# Play Equipment

## 2-5 Year Old Area



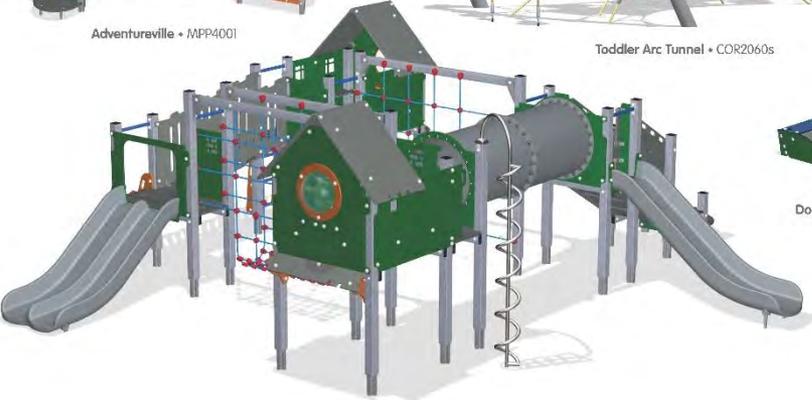
Adventureville • MPP4001



Toddler Arc Tunnel • COR2060s



Swan • M174P



Double Toddler Sandbox • MSC541802P



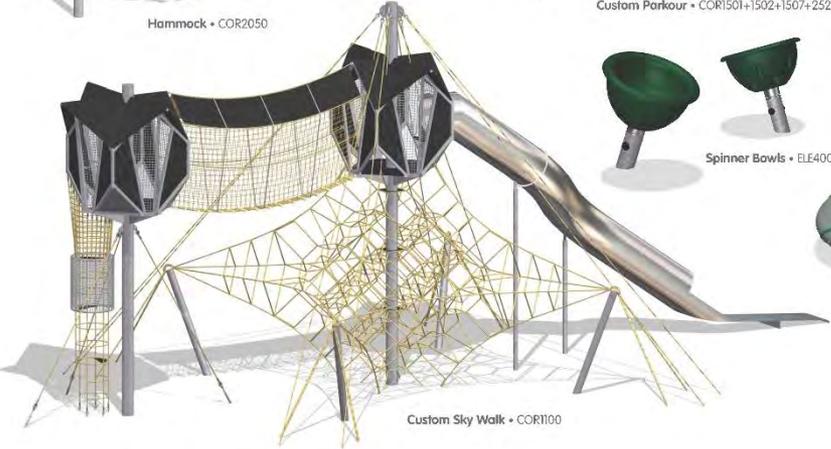
## 5-12 Year Old Area



Hammock • COR2050



Custom Parkour • COR1501+1502+1507+2523



Custom Sky Walk • COR1100



Spinner Bowls • ELE400024



Supernova • GXY916



# Fitness Equipment



# Splash Pad



# Site Furniture



# Proposed Plants



**BOTANICAL NAME**

**Trees**

ACER RUBRUM 'AUTUMN FLAME'  
 AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'  
 BERRY  
 BETULA NIGRA 'DURAHEAT'  
 EUTROCIUM FISTULOSUM  
 GLEDITSIA TRIACANTHOS INERMIS 'SHADEMASTER' TM  
 LIQUIDAMBAR STYRACIFLUA 'ROTUNDILOBA' TM  
 MAGNOLIA VIRGINIANA  
 PLATANUS X ACERIFOLIA  
 THUJA OCCIDENTALIS 'EMERALD'

**Shrubs**

CEPHALANTHUS OCCIDENTALIS  
 CORNUS SERICEA 'ARCTIC FIRE'  
 WOOD  
 COTINUS COGGYGRIA 'ROYAL PURPLE'  
 HYDRANGEA QUERCIFOLIA  
 HYPERICUM PATULUM 'HIDCOTE'  
 ILEX GLABRA 'NORDIC'  
 ILEX X VERTICILLATA 'SPARKLEBERRY'  
 ITEA VIRGINICA 'HENRY'S GARNET'  
 PRUNUS LAUROCERASUS 'OTTO LUYKEN'  
 RHODODENDRON X 'DELAWARE VALLEY WHITE'  
 RHODODENDRON X 'ROBIN HILL NANCY'  
 VIBURNUM RHYTIDOPHYLLUM

**Grasses**

CHASMANTHIUM LATIFOLIUM  
 PANICUM VIRGATUM  
 PANICUM VIRGATUM 'SHENENDOAH'  
 SCHIZACHYRIUM SCOPARIUM 'STANDING OVATION'

**Ground Covers**

ASTER NOVAE-ANGLIAE  
 CAREX PENNSYLVANICA  
 COREOPSIS VERTICILLATA 'MOONLIGHT'  
 ECHINACEA PURPUREA 'MAGNUS'  
 HEMEROCALLIS X 'STELLA DE ORO'  
 HEUCHERA X 'PEWTER MOON'  
 LIRIOPE SPICATA  
 LOBELIA CARDINALIS  
 LOBELIA SIPHILITICA  
 OSMUNDA CINNAMOMEA  
 PENSTEMON DIGITALIS  
 RUDBECKIA FULGIDA 'GOLDSTURM'  
 RUDBECKIA HIRTA

**COMMON NAME**

AUTUMN FLAME MAPLE  
 'AUTUMN BRILLIANCE' SERVICE-  
 BERRY  
 DURAHEAT RIVER BIRCH  
 JOE-PYEWEED  
 SHADEMASTER LOCUST  
 ROUND-LOBED SWEET GUM  
 SWEET BAY  
 LONDON PLANE TREE  
 EMERALD ARBORVITAE

BUTTONBUSH  
 ARCTIC FIRE RED TWIG DOG-

WOOD  
 ROYAL PURPLE SMOKE TREE  
 OAKLEAF HYDRANGEA  
 ST. JOHN'S WORT  
 NORDIC INKBERRY HOLLY  
 SPARKLEBERRY HOLLY  
 HENRY'S GARNET SWEETSPIRE  
 OTTO LUYKENS CHERRY LAUREL  
 DELAWARE VALLEY WHITE AZALEA  
 ROBIN HILL NANCY AZALEA  
 LEATHERLEAF VIBURNUM

WOOD OATS  
 SWITCH GRASS  
 BURGUNDY SWITCH GRASS  
 LITTLE BLUESTEM GRASS

NEW ENGLAND ASTER  
 PENNSYLVANIA SEDGE  
 MOONLIGHT COREOPSIS  
 MAGNUS PURPLE CONEFLOWER  
 STELLA DE ORO DAYLILY  
 PEWTER MOON CORAL BELLS  
 CREEPING LILY TURF  
 CARDINAL FLOWER  
 GREAT BLUE LOBELIA  
 CINNAMON FERN  
 FOXGLOVE/BEARD-TONGUE  
 BLACK-EYED SUSAN  
 BLACK-EYED SUSAN



# Sign Location Plan



3 PLAYGROUND RULES SIGN

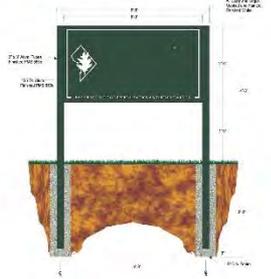


4 PARK RULES SIGN

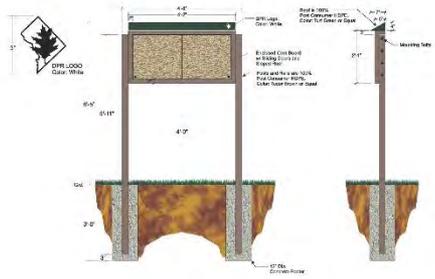


5 DOG WASTE STATION

1 PARK NAME SIGN



2 MESSAGE BOARD



# Construction Limits





# CONSTRUCTION TIMELINE

- Start of Construction**
  - Tennis Court and Arborist Work** **September 22, 2014**
  - Anticipated Start After  
Community Input Is Received** **September 24, 2014 - PARK CLOSES**
  
- Construction Duration** **14 Weeks (weather dependent)**
  
- Construction Completion** **Mid January (weather dependent)**

# Contact Information

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